

WB-57 #927 10/21/16

Aircraft:[WB-57 #927](#) (See full schedule)**Flight Number:**

12

Payload Configuration:

POSIDON

Nav Data Collected:

No

Total Flight Time:

5.6 hours

Submitted by:

Debra Willett on 10/25/16

Flight Segments:

From:	PGUM	To:	PGUM
Start:	10/21/16 10:24 Z	Finish:	10/21/16 16:00 Z
Flight Time:	5.6 hours		
Log Number:	17W003	PI:	Eric Jensen
Funding Source:	Ken Jucks - NASA - SMD - ESD Upper Atmosphere Research Program		
Purpose of Flight:	Science		
Comments:	Payloads: MMS, DLH, SID3, CPI, 2DS, SO2, H2O, POPS, WAS, PANTHER AND 03 LITE. SATCOM type was INMARSAT. High flight. This mission flew southeast of Guam approximately 1000 nm and returned. Several deep dives were flown outbound along with sine wave type altitude changes between FL490 and FL560 (est.).		

Flight Hour Summary:

	16W007	17W003
Flight Hours Approved in SOFRS	58	42
Flight Hours Previously Approved		50.5
Total Used	7.5	90.3
Total Remaining		2.2

17W003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
10/01/16	3	Ferry	4.4	4.4	88.1
10/02/16	4	Ferry	5.7	10.1	82.4
10/03/16	5	Ferry	5.9	16	76.5
10/09/16	6	Ferry	4.2	20.2	72.3
10/12/16	7	Science	5.7	25.9	66.6
10/14/16	8	Science	5.3	31.2	61.3
10/15/16	9	Science	4.8	36	56.5
10/18/16	10	Science	5.7	41.7	50.8
10/19/16	11	Science	5.7	47.4	45.1
10/21/16	12	Science	5.6	53	39.5
10/24/16	13	Check	1.3	54.3	38.2
10/25/16	14	Science	4.5	58.8	33.7
10/26/16	15	Science	5.5	64.3	28.2
10/28/16	16	Science	5.4	69.7	22.8
10/31/16	17	Ferry	5.2	74.9	17.6
11/01/16	18	Ferry	5.9	80.8	11.7
11/02/16	19	Ferry	5.6	86.4	6.1
11/03/16	20	Ferry	3.9	90.3	2.2

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Related Science Report:

POSIDON - WB-57 #927 10/21/16 Science Report

Mission:

POSIDON

Mission Summary:

This flight is designed to explore the chemical composition in the tropical tropopause layer in the region south of Guam.

File:

[POSIDON_RF06_report.pdf](#)

Submitted by:

Susan Kimi McFadden on 11/11/16

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

16W007 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
09/13/16	1	Science	2.1	2.1	55.9
09/15/16	2	Science	5.4	7.5	50.5